1600

RAW SEQUENCE LISTING DATE: 09/25/2003
PATENT APPLICATION: **US/09/579,949** TIME: 13:19:30

Input Set : **A:\03848-00006.ST25.txt**
Output Set: **N:\CRF4\09252003\I579949.raw**

```
  3 <110> APPLICANT: Winkler, James
  4       Fodor, Stephen
  5       Buchko, Christopher
  6       Ross, Debra
  7       Aldwin, Lois
  8       Modlin, Douglas
 10 <120> TITLE OF INVENTION: COMBINATORIAL STRATEGIES FOR POLYMER SYNTHESIS
 12 <130> FILE REFERENCE: 03848-00006
 14 <140> CURRENT APPLICATION NUMBER: 09/579,949
C--> 15 <141> CURRENT FILING DATE: 2003-05-26
 17 <150> PRIOR APPLICATION NUMBER: 09/498,554
 18 <151> PRIOR FILING DATE: 2000-02-04
 20 <150> PRIOR APPLICATION NUMBER: 09/129,463
 21 <151> PRIOR FILING DATE: 1998-08-04
 23 <150> PRIOR APPLICATION NUMBER: 08/426,202
 24 <151> PRIOR FILING DATE: 1995-04-21
 26 <150> PRIOR APPLICATION NUMBER: 07/980,523
 27 <151> PRIOR FILING DATE: 1992-11-20
 29 <150> PRIOR APPLICATION NUMBER: 07/874,849
 30 <151> PRIOR FILING DATE: 1992-04-24
 32 <150> PRIOR APPLICATION NUMBER: 07/796,243
 33 <151> PRIOR FILING DATE: 1991-11-22
 35 <160> NUMBER OF SEQ ID NOS: 6
 37 <170> SOFTWARE: PatentIn version 3.1
 39 <210> SEQ ID NO: 1
 40 <211> LENGTH: 5
 41 <212> TYPE: PRT
 42 <213> ORGANISM: Artificial Sequence
 44 <220> FEATURE:
 45 <223> OTHER INFORMATION: peptide
 47 <400> SEQUENCE: 1
 49 Tyr Gly Gly Phe Leu
 50 1               5
 53 <210> SEQ ID NO: 2
 54 <211> LENGTH: 5
 55 <212> TYPE: PRT
 56 <213> ORGANISM: Artificial Sequence
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: peptide
 61 <220> FEATURE:
 62 <221> NAME/KEY: MISC_FEATURE
 63 <222> LOCATION: (2)..(2)
 64 <223> OTHER INFORMATION: Xaa is a D amino acid
```

Does Not Comply
Corrected Diskette Need d

Insufficient explanation give source of genetic material see item 11 on error summary sheet.

RAW SEQUENCE LISTING DATE: 09/25/2003
PATENT APPLICATION: **US/09/579,949** TIME: 13:19:30

Input Set : **A:\03848-00006.ST25.txt**
Output Set: **N:\CRF4\09252003\I579949.raw**

```
     67 <400> SEQUENCE: 2
W--> 69 Tyr Xaa Gly Phe Leu
     70 1               5
     73 <210> SEQ ID NO: 3
     74 <211> LENGTH: 5
     75 <212> TYPE: PRT
     76 <213> ORGANISM: Artificial Sequence
     78 <220> FEATURE:
     79 <223> OTHER INFORMATION: peptide
     81 <220> FEATURE:
     82 <221> NAME/KEY: MISC_FEATURE
     83 <222> LOCATION: (1)..(1)
     84 <223> OTHER INFORMATION: Xaa is a D amino acid
     87 <400> SEQUENCE: 3
W--> 89 Xaa Gly Gly Phe Leu
     90 1               5
     93 <210> SEQ ID NO: 4
     94 <211> LENGTH: 8
     95 <212> TYPE: DNA
     96 <213> ORGANISM: Artificial Sequence
     98 <220> FEATURE:
     99 <223> OTHER INFORMATION: primer
    101 <400> SEQUENCE: 4
    102 gccgacgc                                                        8
    105 <210> SEQ ID NO: 5
    106 <211> LENGTH: 8
    107 <212> TYPE: DNA
    108 <213> ORGANISM: Artificial Sequence
    110 <220> FEATURE:
    111 <223> OTHER INFORMATION: primer
    113 <220> FEATURE:
    114 <221> NAME/KEY: misc_feature
    115 <222> LOCATION: (8)..(8)
    116 <223> OTHER INFORMATION: a fluorescein molecule is coupled to the 3' end
    119 <400> SEQUENCE: 5
    120 gcgtcggc                                                        8
    123 <210> SEQ ID NO: 6
    124 <211> LENGTH: 5
    125 <212> TYPE: PRT
    126 <213> ORGANISM: Artificial Sequence
    128 <220> FEATURE:
    129 <223> OTHER INFORMATION: peptide
    131 <220> FEATURE:
    132 <221> NAME/KEY: MISC_FEATURE
    133 <222> LOCATION: (1)..(2)
    134 <223> OTHER INFORMATION: Xaa is a D amino acid
    137 <400> SEQUENCE: 6
W--> 139 Xaa Xaa Gly Phe Leu
    140 1               5
```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/25/2003
PATENT APPLICATION: **US/09/579,949** TIME: 13:19:31

Input Set : **A:\03848-00006.ST25.txt**
Output Set: **N:\CRF4\09252003\I579949.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 2
Seq#:3; Xaa Pos. 1
Seq#:6; Xaa Pos. 1,2

VERIFICATION SUMMARY DATE: 09/25/2003
PATENT APPLICATION: **US/09/579,949** TIME: 13:19:31

Input Set : **A:\03848-00006.ST25.txt**
Output Set: **N:\CRF4\09252003\I579949.raw**

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:69 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0

Raw Sequence Listing Error Summary

ERROR DETECTED | **SUGGESTED CORRECTION** | **SERIAL NUMBER:** 09/579,949

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	Invalid Line Length	The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
3	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
4	Non-ASCII	The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
5	Variable Length	Sequence(s)____contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
7	Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
8	Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence. <210> sequence id number <400> sequence id number 000
9	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
10	Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
11 X	Use of <220>	Sequence(s) 1-3, 6 missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13	Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid